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Genome > Bacteria > Staphylococcus epidermidis RP62A, complete genome

Lineage: Bacteria ; Firmicutes ; Bacilli ; Bacillales ; Staphylococcaceae ; Staphylococcus ; Staphylococcus epidermidis RP62A

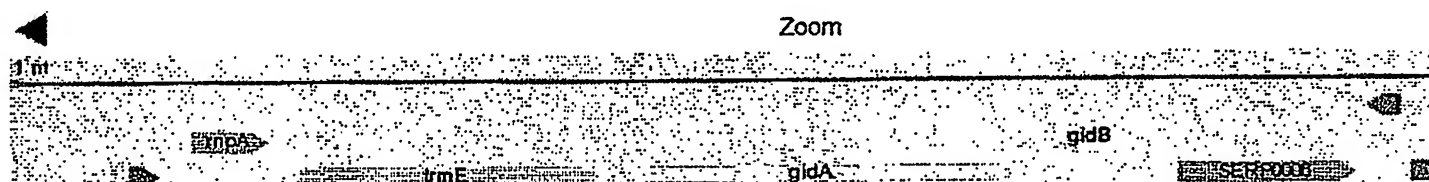
Chromosomes: genome

Plasmids: pSERP

Genome Info:	Feature table:	BLAST homologs:	Links:	Review Info:
Refseq: NC_002976	Proteins: 2494	COG	Genome Project	Publications: [1]
GenBank: CP000029	Structural RNAs: 83	3D Structure	Refseq FTP	Refseq Status: Provisional
Length: 2,616,530 nt	Genes: 2635	TaxMap	GenBank FTP	Seq. Status: Complete
GC Content: 32%	Others: 14	TaxPlot	BLAST	Sequencing center: I
Topology: circular	Total: 5226	GenePlot	TraceAssembly	Completed: 2002/01/04
Molecule: DNA	Contigs: 1	gMap	CDD	Organism Group
Gen.Code: 11	Other genomes for species			

Gene Classification based on [COG functional categories](#)

Search gene, GeneID or locus_tag:



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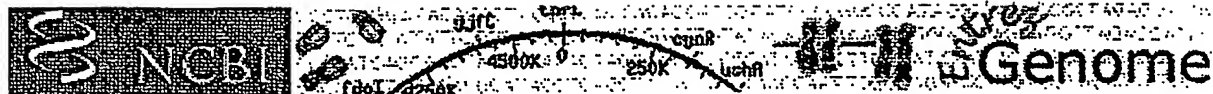
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BLAST with Staphylococcus epidermidis RP62A genome

Total Bases Sequenced: 2616530 bp

Last updated: Jan 9, 2002.

Organism: [Staphylococcus epidermidis RP62A](#)

Genetic Code: [Translation Table 11](#)

Lineage: Bacteria; Firmicutes; Bacillales; Staphylococcus

Enter your query sequence as GI or FASTA:

GVESVRGLKILSVIGLLFVL
IATAACGNNSSSNSSKESK
DGVEIKHEEGTTKVPKHPKR

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1: Gill SR, Fouts DE, Archer GL, Mongodin EF, Deboy RT, Ravel J, Paulsen IT, Kolonay JF, Brinkac L, Beanan M, Dodson RJ, Daugherty SC, Madupu R, Angiuoli SV, Durkin AS, Haft DH, Vamathevan J, Khouri H, Utterback T, Lee C, Dimitrov G, Jiang L, Qin H, Weidman J, Tran K, Kang K, Hance IR, Nelson KE, Fraser CM.

Related Articles, Links



Insights on evolution of virulence and resistance from the complete genome analysis of an early methicillin-resistant *Staphylococcus aureus* strain and a biofilm-producing methicillin-resistant *Staphylococcus epidermidis* strain.

J Bacteriol. 2005 Apr;187(7):2426-38.

PMID: 15774886 [PubMed - indexed for MEDLINE]

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